Cellesse

Service
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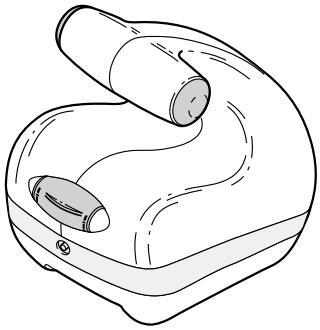
HP 5230 Beige / Brown
HP 5230 Beige / Green



Philips Domestic Appliances and Personal Care

Service manual 4822 729 21748 is herewith cancelled

ServiceManual

PRODUCT INFORMATION

Type appliance	: 12 V adapter from mains (AC/DC)
Voltage (mains)	: 220-240 V, 50/60 Hz 110-127 V, 50/60 Hz
Motor	: DC type
Max. powerconsumption	: 8 watts
Under pressure	: 5 steps from 80 mbar to 250 mbar
Length cord	: 2.5 m

Note: Product meets the requirements regarding interference suppression on radio and TV.

Introduction

The Cellesse is a special massage system, designed to help reduce or prevent the unsightly appearance of cellulite.
Cellulite is the increased visibility of lumpy fat deposits through the surface of the skin. A common used description is 'orange peel skin' because of its unique pitted, lumpy appearance.
Cellulite should not be confused with "cellulitis", which is a medical term linked to bacterial infection of the skin.
Cellulite can be reduced with the **help** of this product.
It can never be completely eliminated and will return when neglected.
A maximum reduction of the Cellulite layer by 55 % can be reached after 3 months, if the appliance is used 3 times a week for 15 mins. on each leg.
The Cellesse does not reduce the fat in the fat layer.

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PHILIPS

FUNCTIONAL DESCRIPTION OF THE HP5230 CELLESSE

Function of the Cellesse

The product is connected to the mains and the **ON/OFF switch** (A) is set to level 1 - 5.
The **pump** (B) starts to function.
The **pump** (B) only starts to function if the appliance is in a proper contact with the skin so a vacuum of at least 80 mbar can be reached.
Once a vacuum of 80 mbar is reached, **the electronic suppression switch** (C) switches on the **motor** (D) of the **massage rolls** (E).
To avoid a painful sucking in of the skin, the **vacuum stop buttons** (F) can be operated so that the vacuum is eliminated.
The Cellesse only functions properly if the product is put properly on the skin so that the pump can build up a vacuum in the **sucking area**.(G)

Cleaning and Maintenance

Never immerse the appliance in water nor rinse it.
For the best results, keep the Cellesse clean at all times, using a damp cloth and a spot of detergent, if necessary.
Do not use alcohol, acetone, gasoline, abrasives, scourers and so on for cleaning the appliance.
When cleaning, special attention should be paid to the rollers on the underside.

Cleaning the rollers

To clean the rollers select Level 1

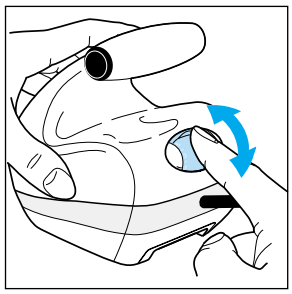


Fig. 1

Cover the suction opening with your thumb so the rollers start to rotate.

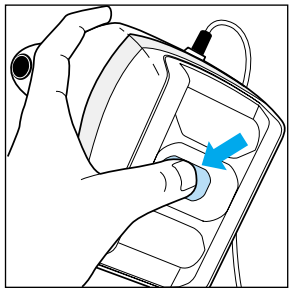


Fig. 2

Wipe the rollers clean with a damp cloth.

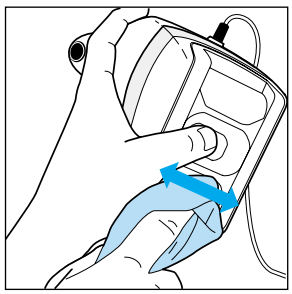
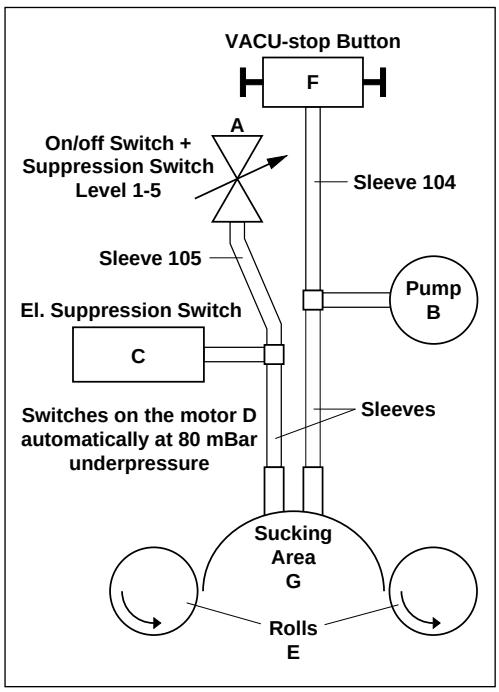
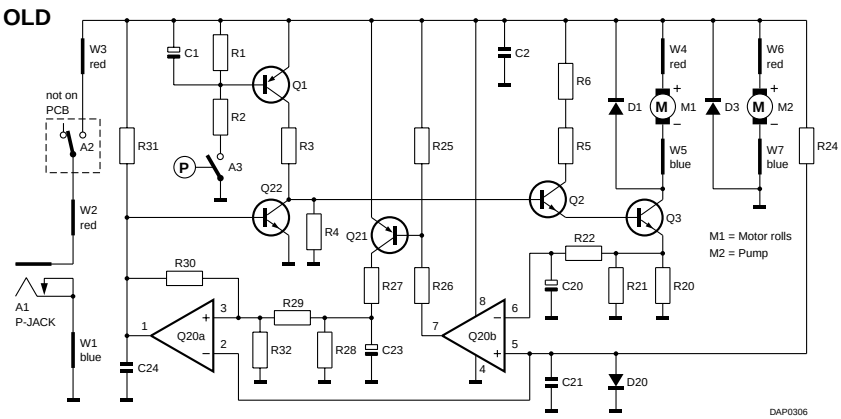
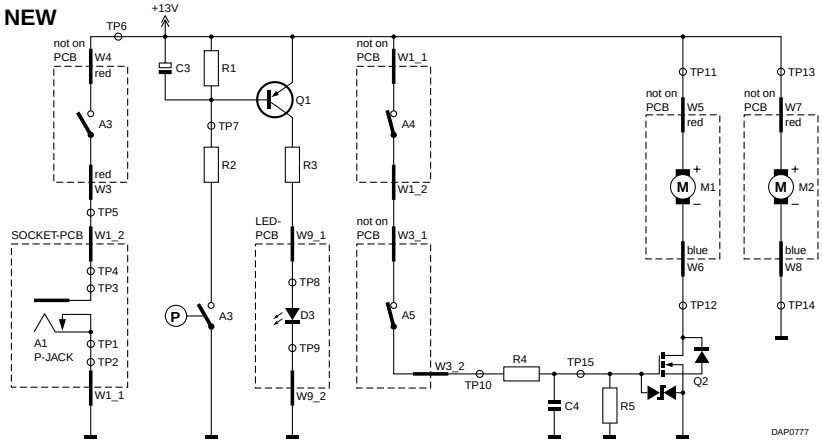


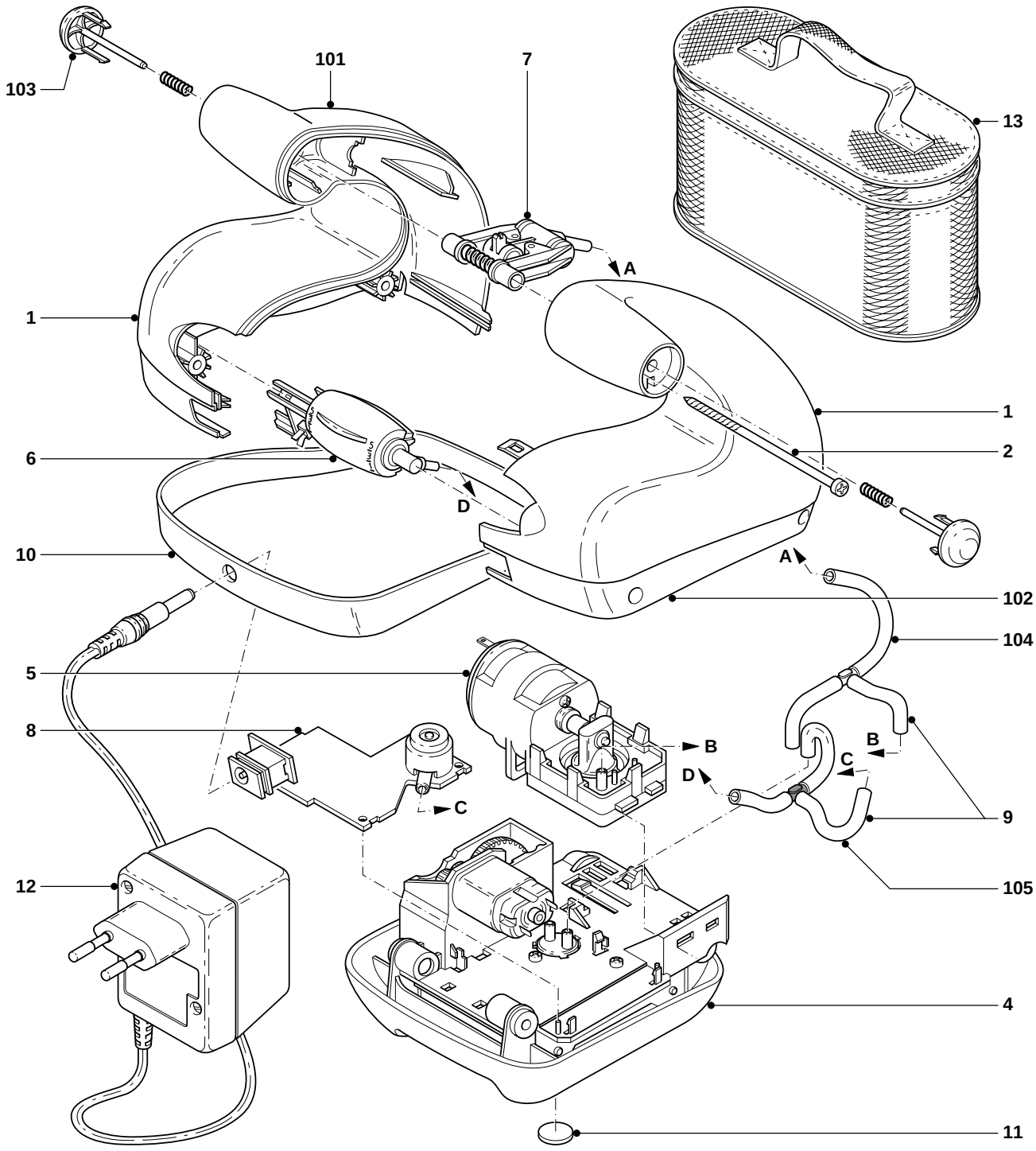
Fig. 3







EXPLODED VIEW + PARTS LIST



PARTS LIST

Pos	Descprition		Service code Beige/Brown	Service code Beige/Green
1	set housing parts, consisting of items 101, 102 and 2 (3x)		4822 310 10948	4822 310 11359
2	screw		4822 502 14427	4822 502 14427
4	power unit		4822 310 10949	4822 310 11361
5	pump		4822 310 10951	4822 310 11362
6	vacuum control unit - on/off switch		4822 310 10952	4822 310 11363
7	vacuum stop		4822 310 10953	4822 310 11364
8	p.c.b.		4822 310 10954	4822 310 11365
9	set tubes (item 104 + 105)		4822 310 10955	4822 310 11366
10	decorative ring		4822 466 11484	4822 310 12242
11	filter		4822 480 10164	4822 480 10272
12	adapter EURO	220-240 V	4822 219 10047	4822 219 10618
	adapter UK	220-240 V	4822 219 10202	4822 219 10619
12	adapter USA	110-127 V	4822 219 10058	4822 219 10621
	adapter JPN	100 V	4822 219 10059	4822 219 10622
	adapter Korea	220 V	4822 219 10167	4822 219 10623
	adapter Australia	240 V	4822 219 10174	4822 219 10624
	adapter Brazil	115 - 220 V	4822 219 10277	4822 219 10625
	adapter PRC	220 V	4822 219 10338	4822 219 10626
	adapter CND	110-127 V	4822 219 10069	4822 219 10627
	adapter Mexico	110-127 V	4822 219 10455	4822 219 10628
	adapter Argentina	240 V		4822 219 10686
13	pouch		4822 600 10663	4822 600 10866
	Directions for use F, D, UK, NL, I		4822 736 17009	4822 736 17009
	Directions for use E, P, TR, Gr		4822 736 17011	4822 736 17011
	Directions for use DK, S, N, SF		4822 736 17012	4822 736 17012

Parts with numbers from 100 and higher cannot be ordered separately

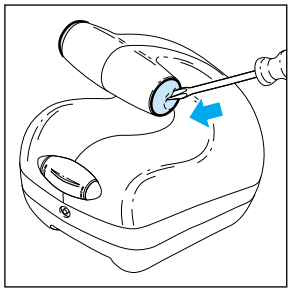
DISASSEMBLY ADVICE + POSSIBLE COMPLAINTS

DISASSEMBLY ADVICE

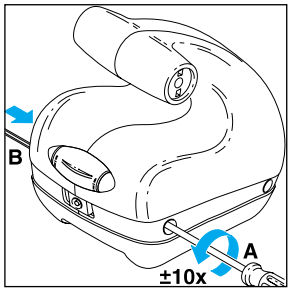
To open the product

N.B. **CAP 103** will be damaged, when it is removed.
For this reason, 2 spare caps are supplied free when you order items 1 and 4 - 9.

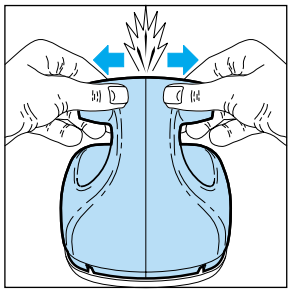
Remove **CAP 103**
(see picture)
Remove **DECORATIVE RING 10**
Remove **SCREW 2** 3x



N.B.
In the underpart the screws are guided by rubber bearings H.
(see cross section)
After ± 10 turns with the screw driver, the screws must be pushed out with the help of a hex key, due to friction between the screws and the rubber bearings (see picture)



Pull **open the product**
(see picture)



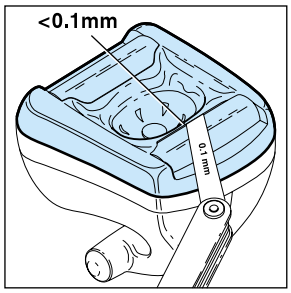
N.B.

- **To avoid dust from getting into the pump, the suction opening has been closed with a rubber cap. Remove the rubber cap before assembling.**
- **After the product has been repaired, it should function properly and has to meet the safety requirements as laid down and officially established at this moment.**

Test Criteria and Controls

	Voltage	Ampere
Total product	13.0 V	380 mA ± 10 %
Adapter:		
primary voltage	220-240 V	
secondary voltage	13.0 V	400 mA
	If < 12.5 V adapter is defective	
Pump	13.0 V	180 mA ± 10 %
Motor rollers	13.0 V	180 mA ± 10 %

N.B.
The opening between Roller 1 and the suction area must be smaller than 0.1 mm.
In case the opening is larger, power unit 4 must be replaced.
(see picture)



Possible complaints.

Status	Failure	Possible Complaint
1. Switch in ' OFF" position	Pump functions	ON/OFF switch defective
2. Switch set to Level 1	Pump doesn't function	Adapter defective ON/OFF switch defective Internal wiring broken defective P.C.B. Motor Pump defective
3. Switch set to level 1 - 5 and product not placed on the skin	Product functions	Filter is clogged Electronic switch C defective defective P.C.B.
4. Switch set to Level 1- 5 and product properly placed	Product doesn't function	Electronic switch C defective Defective P.C.B. Sleeves got loose Defective vacuum stop buttons Gearing motor defective Pump clogged - filter missing Internal wiring broken

To check if the product functions properly , set the switch to level 1 and cover the suction opening with your thumb. see fig 2 cleaning rollers.